

**Abstract.****Fusion-cast Zirconia Refractory With High Electrical Resistivity.**

- 5 A fusion-cast refractory is provided. The refractory comprises 0.8% to 2.5%  $\text{Al}_2\text{O}_3$ , 4.0% to 10.0%  $\text{SiO}_2$ , 86% to 95%  $\text{ZrO}_2$ , 0.1% to 1.2%  $\text{B}_2\text{O}_3$ , up to 0.04%  $\text{Na}_2\text{O}$ , up to 0.4%  $\text{CaO}$ , up to 0.1%  $\text{Fe}_2\text{O}_3$  and up to 0.25%  $\text{TiO}_2$ .